

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph at page 6, lines 23-26 with the following paragraph:

As shown in FIG. 1, the object 10 is "raw", that is, it has not undergone post-process smoothing. Prior to vapor smoothing in accordance with the present invention, surfaces 12 and 14 exhibit a stair-stepping effect. Surfaces 16 and 18 exhibit striation and roughness. Additionally, object 10 exhibits porosity due to the fused deposition modeling technique.

Please amend the paragraph at page 8, lines 18-24 with the following paragraph:

Following the vapor smoothing process, the stair steps in surfaces 12, 14, 16 and 18 of object 10 are either significantly reduced or eliminated. The extent of the smoothing achieved for a given object using the method of the present invention will depend upon the exposure time, the solvent, the modeling material, and the initial surface condition of the object. FIG. 2 illustrates a significant reduction in the stair steps and roughness of the object 10, achieved by vapor smoothing. Following the vapor smoothing process, the porosity of object 10 in surfaces 12, 14, 16 and 18 is also either reduced or eliminated.